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PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

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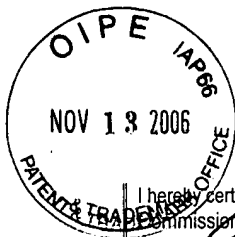
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	10/580,987
	<b>Filing Date</b>	May 25, 2006
	<b>First Named Inventor</b>	Zhiwen Zhang
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b> 54-001021US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> <b>Copy of Executed Assignment</b>	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) <i>(please identify below):</i>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	receipt acknowledgment postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<b>Authorization to Charge Deposit Account</b> Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<b>Remarks</b>	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Gary Baker, Reg. No. 41,595, Quine Intellectual Property Law Group P.C.
Signature	
Date	Nov 8, 2006

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, DC 20231 on this date: _____		
Typed or printed name	Evelyn Gomez	
Signature		Date November 9, 2006



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By Evelyn Gomez  
Evelyn Gomez, QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

Attorney Docket No. 54-001021US  
Client Reference No.: 1021.2 US / NOV0627P

Novartis Ref. No.: 4-33962/SCR

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Zhiwen Zhang, et al.

Examiner:

Application No.: 10/580,987

Art Unit:

Filed: May 25, 2006

For: SELECTIVE INCORPORATION OF  
5-HYDROXYTRYPTOPHAN INTO  
PROTEINS IN MAMMALIAN CELLS

SUBMISSION OF POWER OF  
ATTORNEY AND CORRESPONDENCE  
ADDRESS INDICATION FORM

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

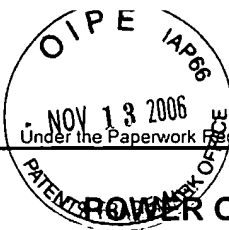
Please make of record the following enclosed documents regarding the above-identified application:

- 1) Power of Attorney and Correspondence Address Indication Form;
- 2) Statement Under 37 CFR 3.73(b); and,
- 3) Copy of Assignment document-not for recordation.

QUINE INTELLECTUAL PROPERTY LAW GROUP  
P.O. BOX 458, Alameda, CA 94501  
Tel: 510 337-7871  
Fax: 510 337-7877  
PTO Customer No.: **22798**  
Deposit Account No.: **50-0893**

Respectfully submitted,

Gary Baker  
Reg. No: 41,595



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PTO/SB/81 (09-03)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/580,987
Filing Date	May 25, 2006
First Named Inventor	Zhiwen Zhang
Title	SELECTIVE INCORPORATION OF 5-
Art Unit	
Examiner Name	
Attorney Docket Number	54-001021US

I hereby appoint:

☒ Practitioners associated with the Customer Number:

OR

☐ Practitioner(s) named below:



**22798**

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☒ Firm or Individual Name Quine Intellectual Property Law Group, P.C.

Address P.O. Box 458

Address

City Alameda

State CA

Zip 94501

Country United States

Telephone (510) 337-7871

Fax (510) 337-7877

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name Thomas Fitting

Signature *Thomas Fitting*

Date October 31, 2006

Telephone (858) 784-2937

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

**CERTIFICATE OF MAILING**

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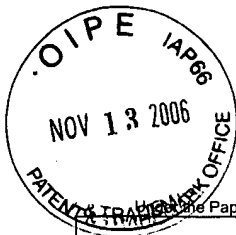
*Evelyn Gomez*

Signature

*Evelyn Gomez*

Date

*11-9-06*



### **STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: **Zhiwen Zhang, et al.**

Application No.: **10/580,987**

Filed: **May 25, 2006**

Entitled: **SELECTIVE INCORPORATION OF 5-HYDROXYTRYPTOPHAN INTO  
PROTEINS IN MAMMALIAN CELLS**

**The Scripps Research Institute**

, a

**corporation**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. [ X ] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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[ ] Additional documents in the chain of title are listed on a supplemental sheet

[X] Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

October 31, 2006

Date

Signature

**Thomas Fitting**

Typed or printed name

**Chief Patent Counsel**

Title

COPY

Attorney Docket No.: 54-001021US  
Client Reference No.: 1021.2 US / NOV0627P  
Novartis Ref. No.: 4-33962/SCR

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, Zhiwen Zhang, of 12751 Via Terceto, San Diego, CA 92130, Lital Alfonta of 1665 Palmilla Drive, Apt. 5316, San Diego, CA 92122 and Peter Schultz of 1650 La Jolla Ranch Road, La Jolla, CA 92037, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SELECTIVE INCORPORATION OF 5-  
HYDROXYTRYPTOPHAN INTO  
PROTEINS IN MAMMALIAN CELLS

Filing Date: May 25, 2006

Application No.: 10/580,987; and

WHEREAS, The Scripps Research Institute, a corporation, located at 10550 North Torrey Pines Road, La Jolla, California 92037, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

COPY

Assignment  
Application No.: 10/580,987  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: 09/10-16-2006

Zhiwen Zhang  
Zhiwen Zhang

SIGNATURE WITNESSED BY:

(1) Date: 10/16/2006

Lital Alfonta  
Signature of Witness

Dated: \_\_\_\_\_

\_\_\_\_\_  
Lital Alfonta

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

Dated: \_\_\_\_\_

\_\_\_\_\_  
Peter Schultz

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

COPY

Assignment  
Application No.: 10/580,987  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Zhiwen Zhang

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

Dated: 10-29-06

for  
Lital Alfonta

SIGNATURE WITNESSED BY:

(1) Date: 10-24-06

Dr. Rachel Gluck  
Signature of Witness  
Dr. Rachel Gluck

Dated: \_\_\_\_\_

\_\_\_\_\_  
Peter Schultz

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

COPY

Assignment  
Application No.: 10/580,987  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Zhiwen Zhang

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

Dated: \_\_\_\_\_


\_\_\_\_\_  
Lital Alfonta

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

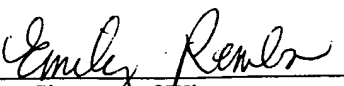
\_\_\_\_\_  
Signature of Witness

Dated: 12/9/06

  
\_\_\_\_\_  
Peter Schultz

SIGNATURE WITNESSED BY:

(1) Date: 10/9/06

  
\_\_\_\_\_  
Signature of Witness